

Listă de lucrări

Teza de doctorat

Elena Partal, 2008 – “Eficienta unor metode tehnologice in conservarea si valorificarea apei si reducerea inputurilor la cultura graului de toamna / Efficiency of some technological methods in water preservation and utilization and input diminution at winter wheat - USAMV București.

1. Cărți sau capitole în cărți de specialitate

1. Sin, G., **Partal Elena**. 2021. Long-Term Effects of Crop Rotation and Fertilization on Weed Infestation in Winter Wheat. In: Dent, D., Boincean, B. (eds) Regenerative Agriculture. Springer, Cham. p: 237-251
https://doi.org/10.1007/978-3-030-72224-1_21, https://link.springer.com/chapter/10.1007/978-3-030-72224-1_21#chapter-infofile:///C:/Users/Admin/Downloads/regenerative-agriculture-whats-missing-what-do-we-still-need-to-know-9783030722241-3030722244_compress.pdf
2. Castellanos-Navarrete A.; Govaerts B, Compendium of deliverables of the conservation agriculture course 2008. CIMMYT. (**Capitol 3:** „The influence of different tillage and residue (mulch) on soil moisture for rain-fed crops”, pag. 15-19; - autor **Partal Elena**).
<https://repository.cimmyt.org/bitstream/handle/10883/549/93381.pdf?sequence=1&isAllowed=y>

2. Articole/ studii publicate în reviste de specialitate și de circulație internațională recunoscute sau în reviste din țară recunoscute de către CNCSIS

ISI

1. **Elena Partal**. 2022. Sunflower yield and quality under the influence of sowing date, plant population and the hybrid. Romanian Agricultural Research, No. 39. Print ISSN 1222-4227; Online ISSN 2067-5720. Abstracted/Indexed: Thompson Reuter - ISI Web of Science: Science Citation Index Expanded, Journal Citation, Reports/Science Edition, CAB Abstract. Factor impact: 0,633. **WOS:000838822200001**; <https://www.incda-fundulea.ro/rar/nr39/rar39.44.pdf>
2. Victor Petcu, Laurențiu Ciornei, Simona-Petruța Simion, Marga Grădilă, Simona Lavinia Burtan, **Elena Partal**. 2022. Cover crops from winter wheat, triticale and peas cultivated in pure stands and mixtures—soil and weed suppression benefits. Romanian Agricultural Research, NO. 9, Print ISSN 1222-4227; Online ISSN 2067-5720 (FI 2022 = 0,633) Cotată în Science Citation Index Expanded (SCI-EXPANDED). **WOS:000797195000037**; <https://www.incda-fundulea.ro/rar/nr39/rar39.31.pdf>
3. **Partal Elena**. 2022. Yields and quality of wheat and maize cultures under the influence of management practices in south area of Romania. Scientific Papers. Series A. Agronomy, Vol. LXV, No. 1, pp.475-481. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785. Indexed: Web of Science Core Collection (Emerging Sources Citation Index - Thomson Reuters), CNCSIS B+. https://agronomyjournal.usamv.ro/pdf/2022/issue_1/vol2022_1.pdf
4. Domnariu Horia, Postolache Carmen, Avramescu Sorin, Lăcătușu Anca-Rovena, **Partal Elena**. 2022. Long term effects of tillage and fertilization upon microbiota of a Romanian Chernozem under maize monoculture. Geoderma Regional, 28, e00463. Indexare: Science Citation Index Expanded, Scopus, INSPEC. 4.201 - Impact Factor. <https://doi.org/10.1016/j.geodrs.2021.e00463>. <https://www.sciencedirect.com/science/article/pii/S2352009421001085>
5. **Partal Elena**, Oltenacu Catalin Viorel, Petcu Victor. 2021. The influence of sowing date and plant density on maize yield and quality in the context of climate change in southern Romania. Scientific Papers. Series A. Agronomy, Vol. LXIV, No. 1, p 508-514. SSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785. Indexată în Web of Science Core Collection

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6. Petcu Elena, Lazăr Cătălin, Predoi Daniela, Carmen Cîmpeanu, Predoi Gabriel, Bartha Szilárd, Vlad Ioana Andra, **Partal Elena**. 2021. The effect of hydroxyapatite and iron oxide nanoparticles on maize and winter wheat plants. Scientific Papers. Series A. Agronomy, Vol. LXIV, No. 1, pp. 515-519. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785. Indexată în Web of Science Core Collection (Emerging Sources Citation Index - Thomson Reuters), Index Copernicus, CABI, Directory of Open Access Journals-DOAJ, Ulrich's Periodicals Directory, Google Scholar, Research Bible, PBN (Polish Scholarly Bibliography), Scientific Indexing Service, Scipio, OCLC (WorldCat), CNCSIS B+. **WOS:000704504300068** https://agronomyjournal.usamv.ro/pdf/2021/issue_1/Art68.pdf
 7. Elena Petcu, Liliana Vasilescu, **Elena Partal**. 2020. Variability of seminal roots angle in some Romanian barley genotypes. Scientific Papers. Series A. Agronomy, Vol. LXIII, No. 1, pp.469-474. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785. Indexată în Web of Science Core Collection (Emerging Sources Citation Index - Thomson Reuters), Index Copernicus, CABI, Directory of Open Access Journals-DOAJ, Ulrich's Periodicals Directory, Google Scholar, Research Bible, PBN, Scientific Indexing Service, Scipio, OCLC (WorldCat), **WOS:000581115600065**; https://agronomyjournal.usamv.ro/pdf/2020/issue_1/Art65.pdf
 8. **Elena Partal**, Mirela Paraschivu. 2020. Results regarding the effect of crop rotation and fertilization on the yield and qualities at wheat and maize in South of Romania. Agricultural Sciences & Veterinary Medicine University, Bucharest. Scientific Papers. Series A. Agronomy, Vol. LXIII, No. 2. ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785. Indexată în Web of Science Core Collection (Emerging Sources Citation Index - Thomson REUTERS), Index Copernicus, CABI, Directory of Open Access Journals-DOAJ, Ulrich's Periodicals Directory, Google Scholar, Research Bible, PBN (Polish Scholarly Bibliography), Scientific Indexing Service, Scipio, OCLC (WorldCat), CNCSIS B+. **WOS:000596730700029**; http://agronomyjournal.usamv.ro/pdf/2020/issue_2/Art29.pdf
 9. Chitimus Alexandra-Dana, Barsan Narcis, Mosnegutu Emilian, Corobana Alina, Nedeff Valentin, Muscalu Oana-Maria, **Partal Elena**. 2020. Influence of soil fertilization systems and crop rotation on physical and chemical properties of the soil. 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), 12-14 November 2020, pp. 1-5, doi: 10.1109/EEAE49144.2020.9278974. **WOS:000659299700016** <https://ieeexplore.ieee.org/document/9278974>
 10. Muscalu Plescan Oana-Maria, Nedeff Florin-Marian, **Partal Elena**, Mosnegutu Emilian, Panainte-Lehadus Mirela, Irimia Oana, Tomozei Claudia. 2019. Influence of soil fertilization systems on soil characteristics for a monoculture of sunflower. Scientific Study And Research-Chemistry And Chemical Engineering Biotechnology Food Industry 20(4), pp.585-595. Indexed in: Thompson Reuters-Web Of Science Core Collection-Esci, Chemical Abstracts (USA), CSA (USA), Directory Of Open Access Journals (Sweden), Index Copernicus (Poland), Proquest (USA). Accredited by the Romanian National Council of Scientific Research (CNCS) as B+ type publication. **WOS:000502846500008** <https://pubs.ub.ro/?pg=revues&rev=csc6&num=201904&vol=4&aid=4958>
 11. Muscalu (Plescan) Oana Maria, Nedeff Valentin, Sandu Ioan Gabriel, **Partal Elena**, Mosnegutu Emilian, Barsan Narcis, Sandu Ion, Rusu Dragos. 2019. Influence on main works systems on physical and chemical properties of the soil. Revista de Chimie, Volume 70, Issue 5, 1726-1730. (FI 2019 = 1,755) Cotată în: European Virtual Institute for Speciation Analysis (EVISA), SClmago Journal & Country Rank, Electronic Journals Library, World Catalogue of Scientific Journals. ISSN Online 2668-8212. <https://doi.org/10.37358/RC.19.5.7202> **WOS:000470086400043** <https://revistadechimie.ro/pdf/43%20MUSCALU%20PLESCAN%205%2019.pdf>
 12. Oana Maria Muscalu (Pleşcan), Valentin Nedeff, Ioan Gabriel Sandu, Alexandra Dana Chiţimuş, **Elena Partal**, Narcis Bârsan, Dragos Ioan Rusu, 2019. Influence of Soil Fertilization Systems and Crop Rotation on Soil Chemical Properties. Revista de Chimie, Volumul 70, nr. 2, pg. 536-542, (FI 2019 = 1,755). Publicatie in anul 2019 cu Cotatie Internationala: European Virtual Institute

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<https://doi.org/10.37358/RC.18.11.6692> WOS:000451931500031
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14. Petcu Elena, Băbeanu Narcisa, Popa Ovidiu, **Partal Elena**, Pricop Simona-Mariana. 2010. Effect of planting date, plant population and genotype on oil content and fatty acid composition in sunflower. Romanian Agricultural Research, 27(27), 53-57. Print ISSN 1222-4227; Online ISSN 2067-5720. (FI 2010 = 0,485), Cotată în Science Citation Index Expanded (SCI-Expanded). WOS:000284238600008; <https://www.incda-fundulea.ro/rar/nr27/rar27.8.pdf>

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15. Cotuna Otilia, Paraschivu Mirela, Sărățeanu Veronica, **Partal Elena**, Durău Carmen Claudia. Influence of Fusarium graminearum infection on the accumulation of mycotoxins in wheat grains. 2021. 2021060429. Doi: 10.20944/preprints202106.0429.v. Indexare: Europe PMC, Google Scholar, Scilit, SHARE, from the Open Science Framework, PrePubMed.
<https://www.preprints.org/manuscript/202106.0429/v1>
16. Barsan Narcis, Chitimus Alexandra Dana, Muscalu (Plescan) Oana Maria, Nedeff Florin Marian, Sandu Ion, **Partal Elena**, Sandu Andrei Victor, Panainte Lehadus Mirela. 2020. Influence of fertilizers on soils used for oleaginous crop. Revista de Chimie, Volume 71, nr. 1, p. 233-238. ISSN Online 2668-8212, ISSN Print: 1582-9049, ISSN-L: 1582-9049. După anul 2019 Revista de Chimie este indexată: European Virtual Institute for Speciation Analysis (EVISA), SCImago Journal & Country Rank, CAS - division of the American Chemical Society, Scope Database, Electronic Journals Library, International Committee of Medical Journal Editors (ICMJE) World Catalogue of Scientific Journals.
<https://revistadechimie.ro/pdf/35%20BARSAN%20N%201%2020.pdf>
17. Gheorghe Măturaru, Mihaela Șerban, **Elena Partal**. 2019. Selectivitatea și eficacitatea unor erbicide aplicate toamna în combaterea buruienilor anuale din cultura grâului. AN. I.N.C.D.A. Fundulea, Vol. LXXXVII, pag. 175-181. <https://www.incda-fundulea.ro/anale/87/87.17.pdf>
18. **Elena Partal**, Mihaela Șerban, Gheorghe Maturaru. 2017. Influența unor verigi tehnologice asupra îmburuienării la cultura de porumb. AN. I.N.C.D.A. Fundulea, VOL. LXXXV, pag.189-195.
<https://www.incda-fundulea.ro/anale/85/85.18.pdf>
19. Dragomir C.L., **Partal E.** 2016. Influence of different levels of water supply on production and economic efficiency under maize cultivated in Dobrogea region of Romania. Scientific Papers. Series A. Agronomy, LIX, 289–293. (ISSN 2285-5785, ISSN CD-ROM 2285–5793, ISSN Online 2285–5807, ISSN-L 2285-5785) Is indexed: Web of Science Core Collection (Emerging Sources Citation Index - THOMSON REUTERS), CNCSIS B+.
<https://agronomyjournal.usamv.ro/pdf/2016/Art51.pdf>
20. Stan Olga, Martura Teodor, **Partal Elena**, Iordan Horia. 2016. Estimarea însușirilor de calitate și vigoare la sămânța noilor genotipuri de porumb, prin metoda coldtest și deteriorare controlată. Analele INCDA Fundulea, LXXXIV, 141-156. ISSN 2067-5631 (print) și ISSN 2067+7758 (on line). <https://www.incda-fundulea.ro/anale/84/84.14.pdf>
21. Otilia Cotuna, Veronica Sarateanu, Carmen Durau, Mirela Paraschivu, **Elena Partal**. 2014. Study on Ambrosia artemisiifolia L. roots colonized by arbuscular mycorrhizae in various herbaceous plant communities. Research Journal of Agricultural Science (ISSN 2066-1843) vol.46 (1), p.139-144. Indexed: CABI (since 2009), Ulrich's Periodicals Directory (2010), Index Copernicus International (2009), CNCSIS Romania quoted B+. https://www.rjas.ro/paper_detail/1766
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- Agricultural Science, Vol. 46 Issue 2, p264-269. ISSN 2066-1843. Indexed: CABI (since 2009), Ulrich's Periodicals Directory (2010), Index Copernicus International (2009), CNCSIS Romania quoted B+. https://rjas.ro/paper_detail/1771
23. **Elena Partal**, Mirela Paraschivu, Otilia Cotuna. 2014. Influence of seeds treatment on the cereales production. Research Journal of Agricultural Science, (ISSN 2066-1843) vol.46 (2), p.270-276. Indexed: CABI (since 2009), Ulrich's Periodicals Directory (2010), Index Copernicus International (2009), CNCSIS Romania quoted B+. https://www.rjas.ro/paper_detail/1772
 24. **Partal Elena**, Sin Gheorghe, Alionte Eliana. 2013. The effect of management practices on the quality of wheat and maize harvest. Annals of the Academy of Romanian Scientists. Series on Agriculture, Silviculture and Veterinary Medicine Sciences, 2(1), 82-89. PRINT ISSN 2069 – 1149 ONLINE ISSN 2344-2085. <https://aos.ro/wp-content/anale/AVol2Nr1Art.11.pdf>
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 26. Paraschivu Marius, **Partal Elena**, Paraschivu Mirela, Oltenacu Viorel Cătălin. 2012. Influence of treatment with various fungicides formulations on specific pathogens attack to tomato crops. Analele Universității din Craiova, Biologie, Horticultură, Tehnologia Prelucrării Produselor Agricole, Ingineria Mediului. Vol.17 pp.765-770. ISSN–L 1453-1275. Print ISSN 1453-1275 (Online) = ISSN 2393-1426. Indexare: CAB Abstracts and Global Health (by CAB International), Zoological Record (by Thomson Reuters), Index Cope. https://horticultura.ucv.ro/horticultura/sites/default/files/horticultura/Reviste/Analele/2012/anale_2_012_vol2.pdf
 27. **Partal Elena**, Paraschivu Mirela, Oltenacu Cătălin Viorel, Paraschivu Marius. 2012. Productivity and profitability of maize and sorghum crops in natural conditions from south area. Annals of the University of Craiova, Agriculture, Montanology, Cadastre Series (ISSN: 1841-8317, vol. 42 (2), p.214-219. ISSN-L1841-8317, ISSN1841-8317, E-ISSN2066-950X. <https://anale.agro-craiova.ro/index.php/aamc/article/view/767/727>
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 29. Sin Gheorghe, **Partal Elena**. 2012. Effect of sowing date and plant density on sunflower yield and its main components. *Proceedings 18th ISC, Mar del Plata, Argentina*. https://www.isasunflower.org/fileadmin/documents/aaProceedings/18thISAArgentina-vol1/Crop_Management/Effect_of_sowing_date_and_plant_density_on_sunflower_yield_and_its_main_components.pdf
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 31. Marius Paraschivu, **Elena Partal**, Mirela Paraschivu. 2011. The Evolution of Septoria tritici attack to winter wheat in ARDS Simnic area. Book chapter; Conference paper: 46th Croatian and 6th International Symposium on Agriculture, Opatija, Croatia, 14-18 February. Proceedings pp.626-630. <https://www.cabdirect.org/cabdirect/FullTextPDF/2012/20123323801.pdf>
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Agriculture of Future,, and the 22nd edition of National Mycology Symposium, 19th -21th Nov. Annals of the University of Craiova, Agriculture, Montanology, Cadastre series (ISSN 1841-8317), vol. 40/1, p.142-147. ISSN-L1841-8317, ISSN1841-8317, E-ISSN2066-950X.

<https://www.cabdirect.org/cabdirect/FullTextPDF/2011/20113270601.pdf>

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34. Sin, Gheorghe, **Partal Elena**. 2010. Influența rotației și a fertilizării asupra producțiilor de grâu și porumb în contextul variațiilor climatice. AN. I.N.C.D.A. Fundulea, Vol. LXXVIII, NR. I., pp.101-108. ISSN 2067-5631 (print) și ISSN 2067+7758 (on line).

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https://cis01.ucv.ro/analele_universitatii/agricultura/2010/Vol_40_1_2010.pdf

3. Studii publicate în volumele unor manifestări științifice internaționale recunoscute din țară și din străinătate (cu ISSN sau ISBN)

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4. Brevete de invenție

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5. Proiecte de cercetare-dezvoltare-inovare pe bază de contract/grant

Program/denumire proiect	Perioada de derulare/funcția în cadrul proiectului
1. P.I. 6202/2019 - Agreement on studying the effects of novel fertilizers on crop production between National Agricultural Research and Development Institute Fundulea (NARDI) And Sabanci University Inovent (SUI), responsabil partener Romania	2019-2022 Responsabil național
2. Proiect nucleu P.N. 09- 25.03.01 – Elaborarea de secvențe tehnologice noi, specifice agriculturii durabile	2009-2011 Responsabil proiect
3. Proiect Nucleu, PN 16-16.03.02 - Cercetări privind îmbunătățirea și diversificarea tehnologiilor de cultură pentru plantele de cultura în sistem conventional, responsabil proiect	2016-2017 Responsabil proiect
4. Proiect Nucleu, PN 16-16.03.01 - Cercetări privind stabilirea tehnologiei culturii mazării de toamnă	2016-2017 Responsabil proiect
5. Proiect Nucleu, PN 18-39.03.01- Perfecționarea tehnologiilor de cultură ale principalelor culturi de câmp, vizând reducerea impactului negativ al acestora asupra mediului și îmbunătățirea eficienței de valorificare a resurselor naturale	2016-2018 Responsabil proiect
6. Proiect Sectorial ADER 1.5.4 - Cercetări cu privire la influența diferitelor metode de lucrare a solului asupra gradului de îmburuienare, compoziției floristice a speciilor de buruieni, în culturile de câmp și dinamicii apei în sol la culturile de camp	2019-2022 Director proiect

7. Proiect Nucleu P.N. 19.25.04.01 - Reducerea impactului negativ al schimbărilor climatice asupra performanțelor de producție și calitate la principalele culturi de câmp, prin elaborarea de secvențe tehnologice novative și integrarea acestora în tehnologii de cultură performante și sustenabile	2019-2022 Responsabil proiect
8. Proiect Sectorial ADER 1.2.1. - Identificarea de genotipuri de cereale, oleaginoase și plante furajere și elaborarea de elemente tehnologice inovative, adaptate impactului schimbărilor climatice	2011-2015 Membru în echipă
9. PS 2.3.2 – Sisteme de lucrare a solului adaptate condițiilor locale, orientate spre protecția stării agrofizice a solului, a conservării apei și a optimizării economice a managementului agricol	2006-2009 Membru în echipă
10. P.N. 07 – 42.02.01- Elaborarea de tehnologii integrate privind managementul apei, elementelor nutritive și metodelor culturale pentru obținerea de produse agricole sănătoase și cu valoare nutritivă ridicată la plantele de câmp	2006-2009 Membru în echipă
11. P.S. 2.3.1 - Elaborarea de tehnologii integrate și performante de utilizare a resurselor naturale, de creștere a eficienței inputurilor, conservarea solului și protecția mediului pentru principalele culturi de câmp	2006-2010 Membru în echipă
12. P.P.A. 8 - Sisteme de agricultură, tehnologii și metode agrotehnice de utilizare eficientă a apei și reducerea efectelor secetei	2001-2004 Membru în echipă
13. P.A. 312 - Elaborarea de sisteme zonale integrate pentru valorificarea eficientă a resurselor limitate de apă de irigare la principalele culturi de câmp	2002-2006 Membru în echipă

6. Alte lucrări

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7. Citari în reviste ISI și volumele conferințelor indexate WOS

Lucrarea citată	Locul citării
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